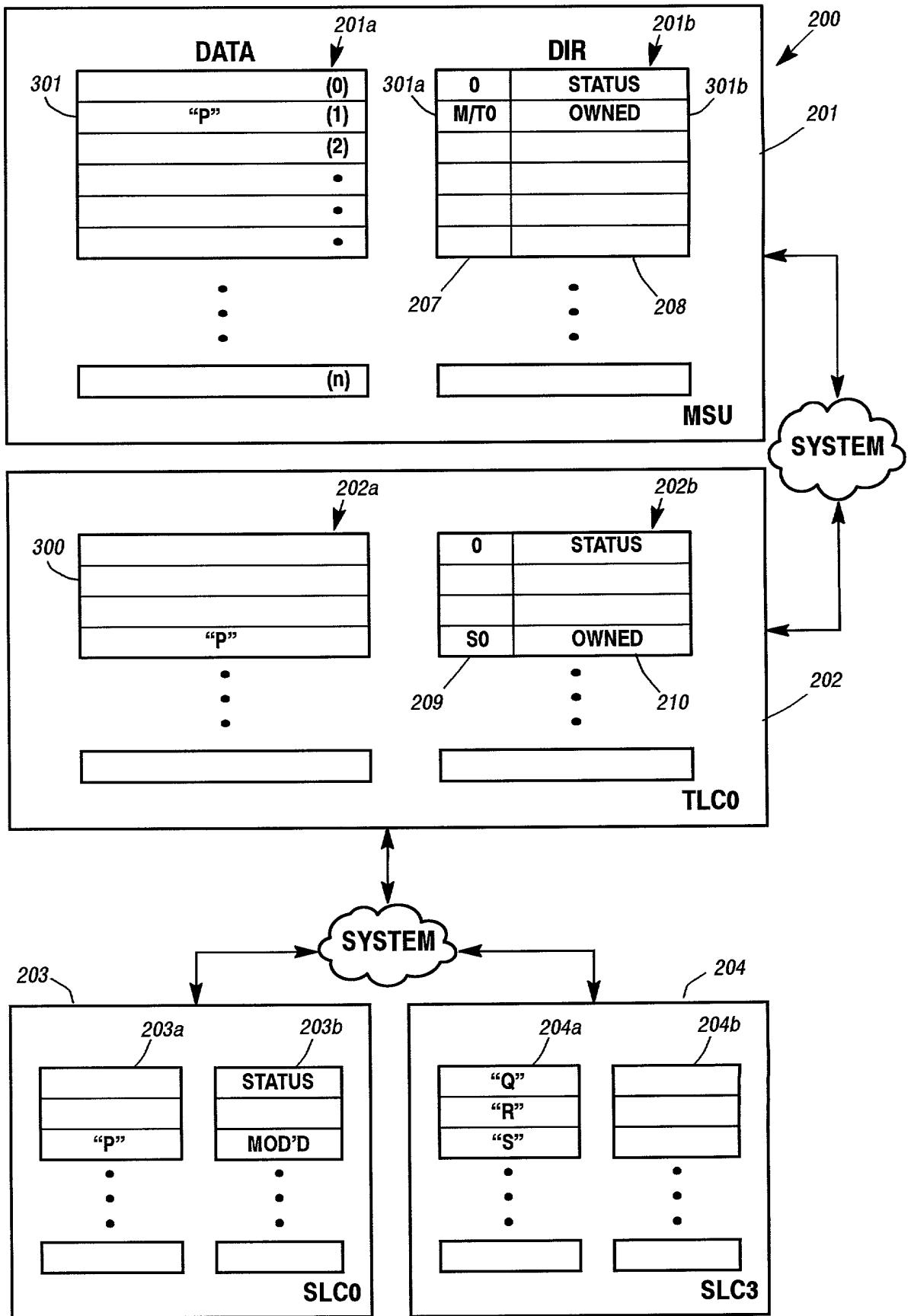
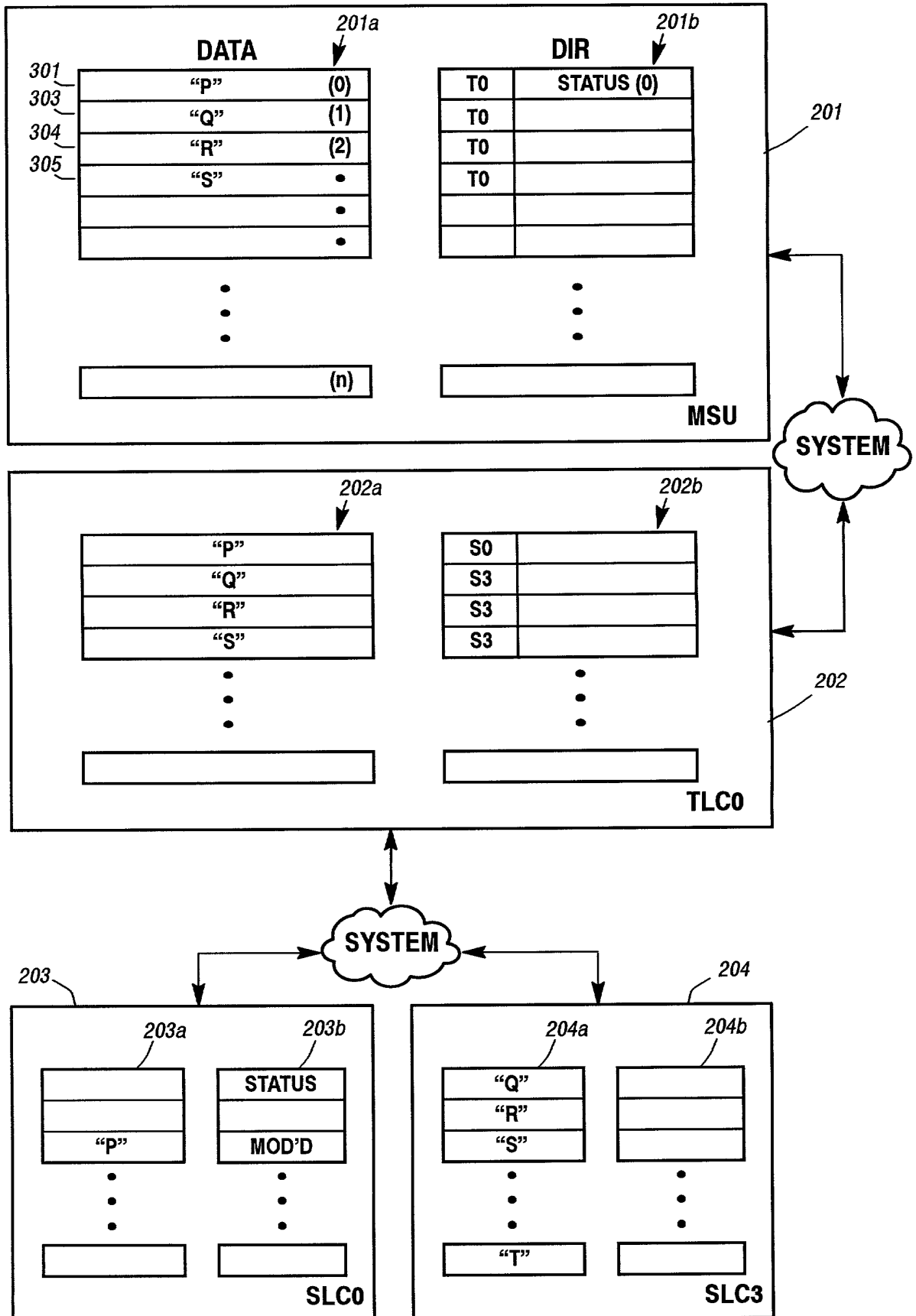


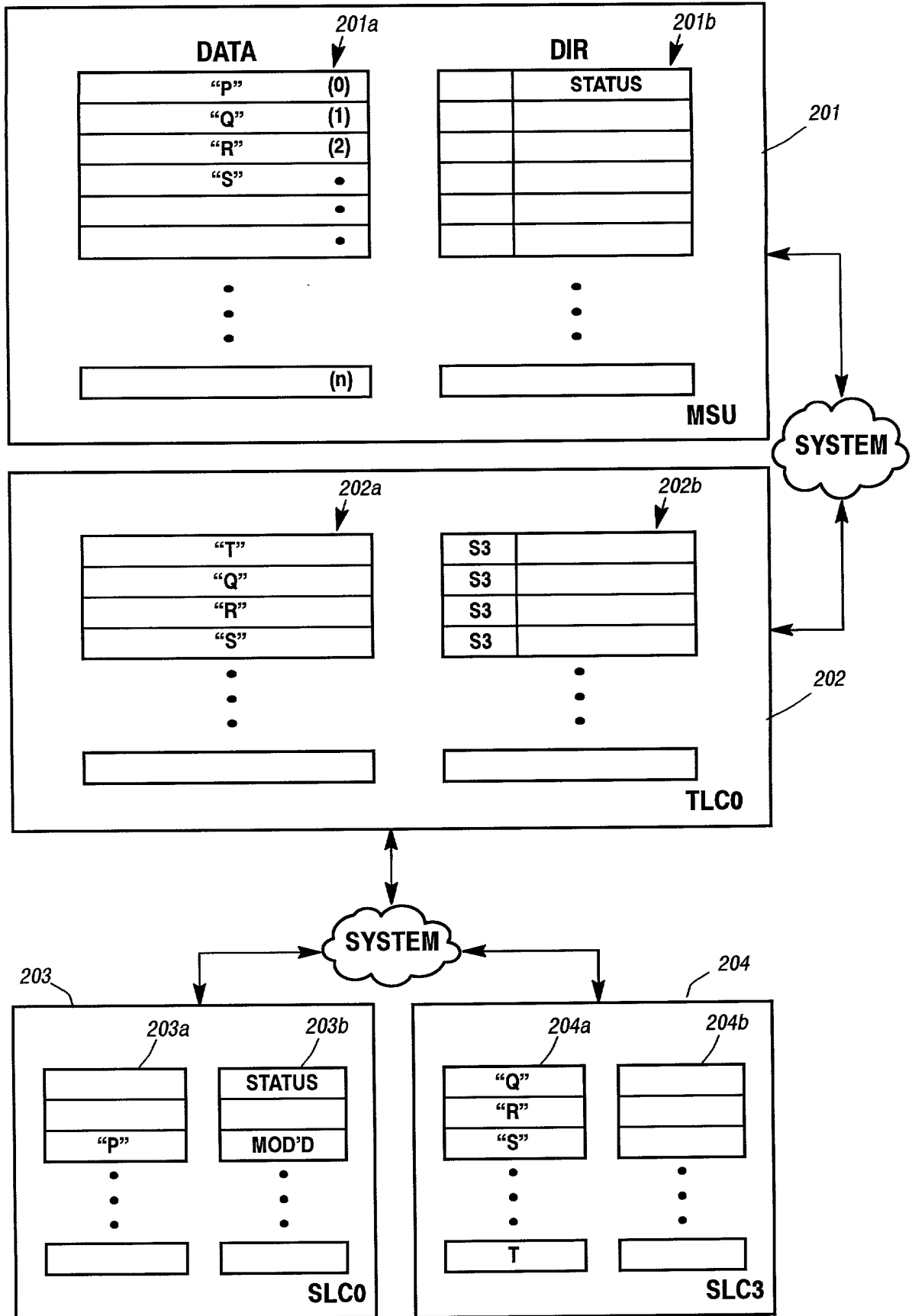
**Figure 1**



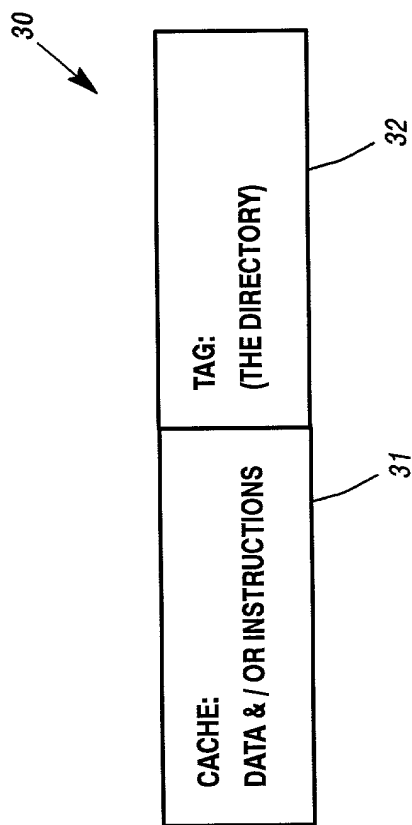
**Figure 2**



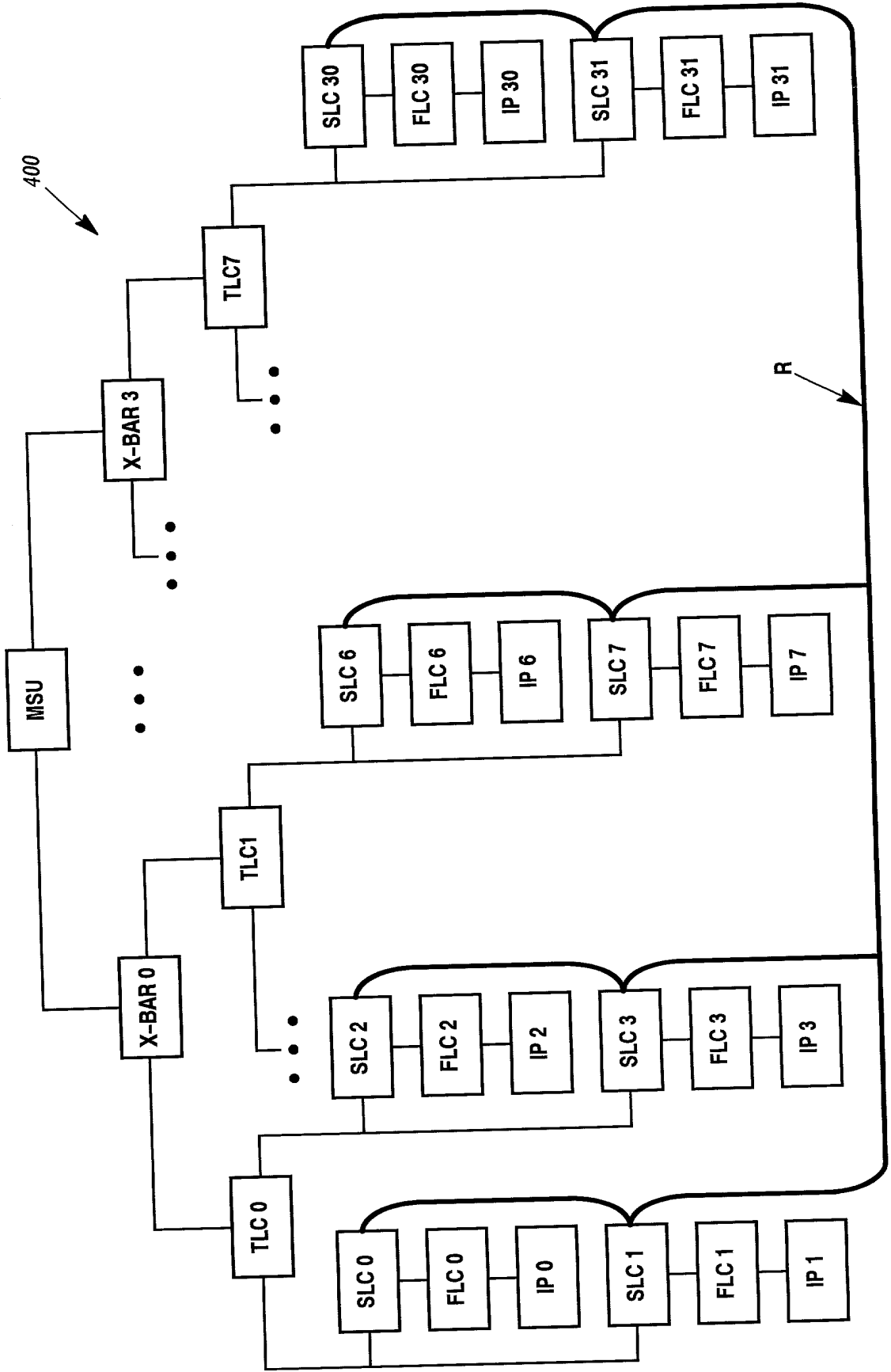
**Figure 2A**



**Figure 2B**



**Figure 3**



**Figure 4**

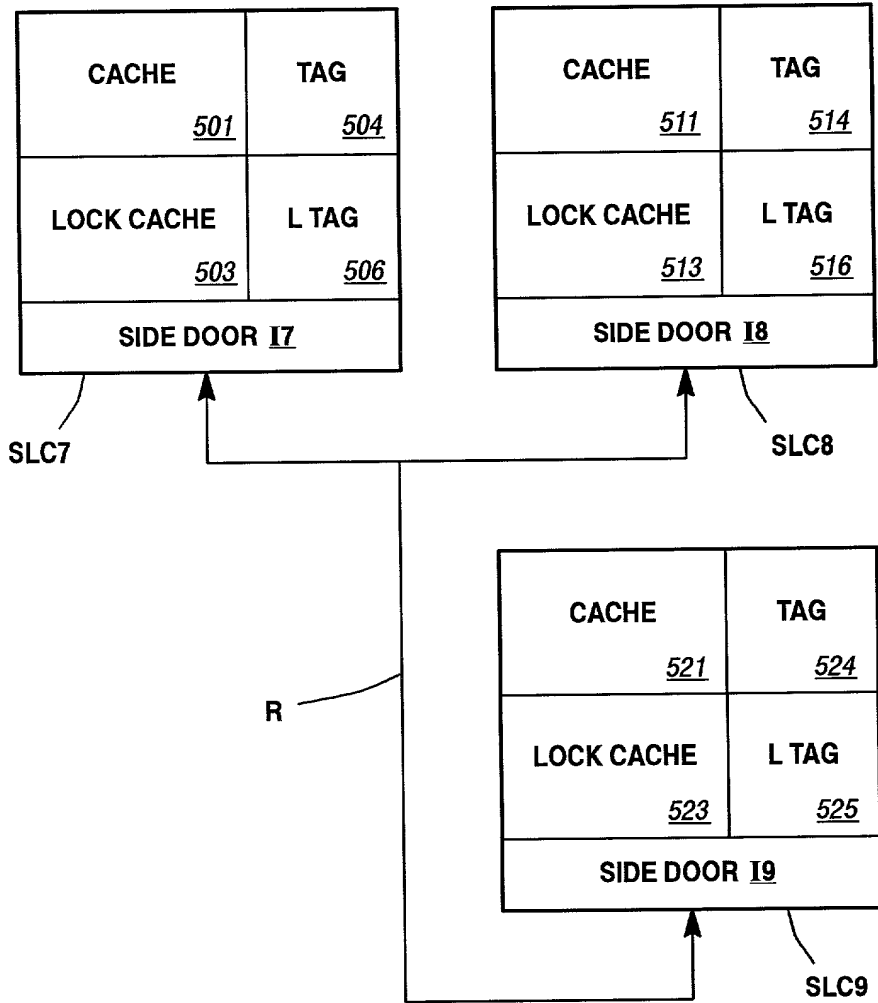
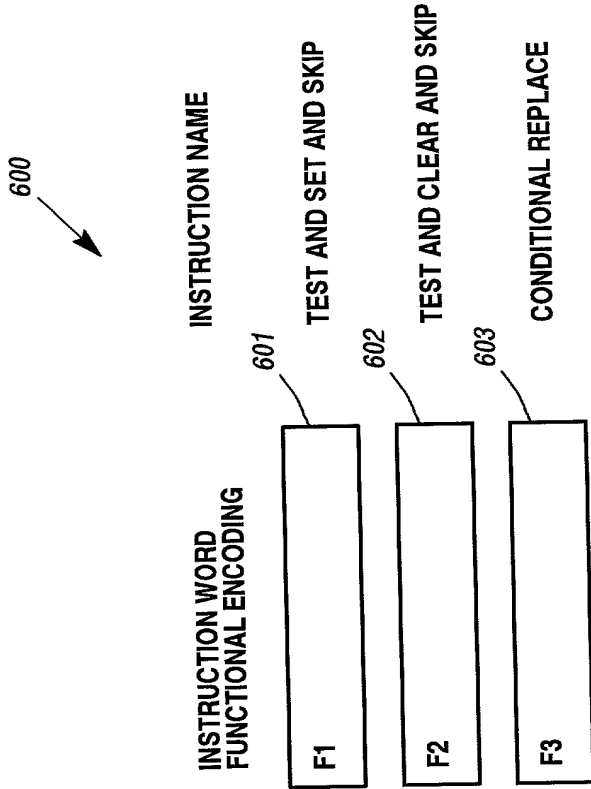
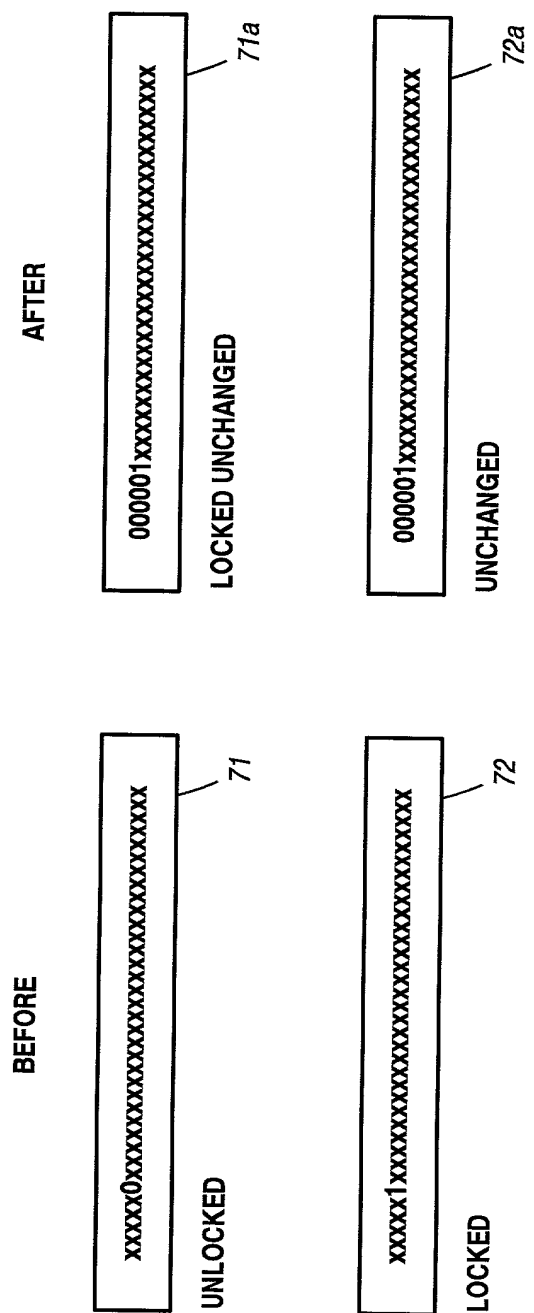


Figure 5

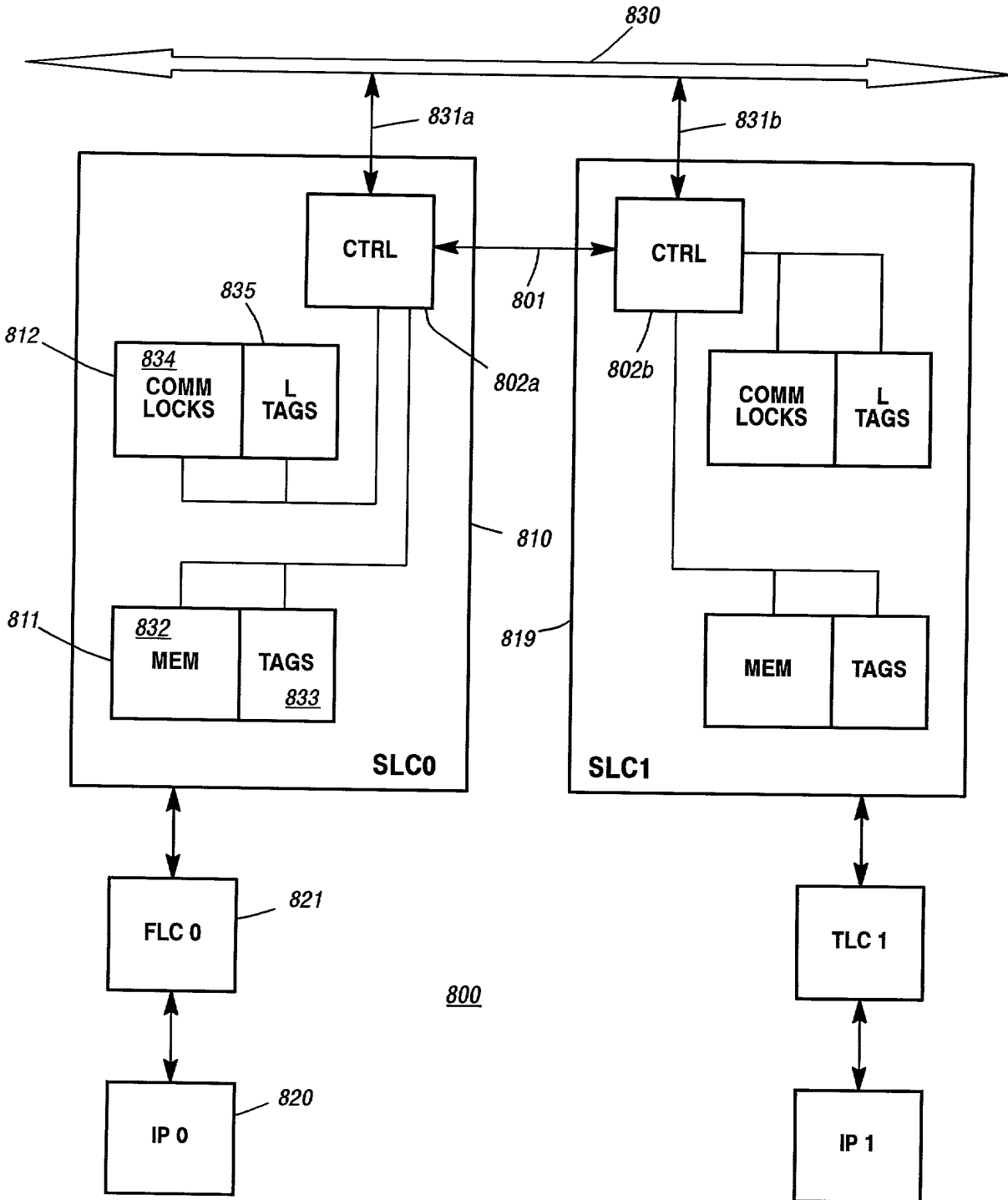


**Figure 6**  
**Lock Instructions**

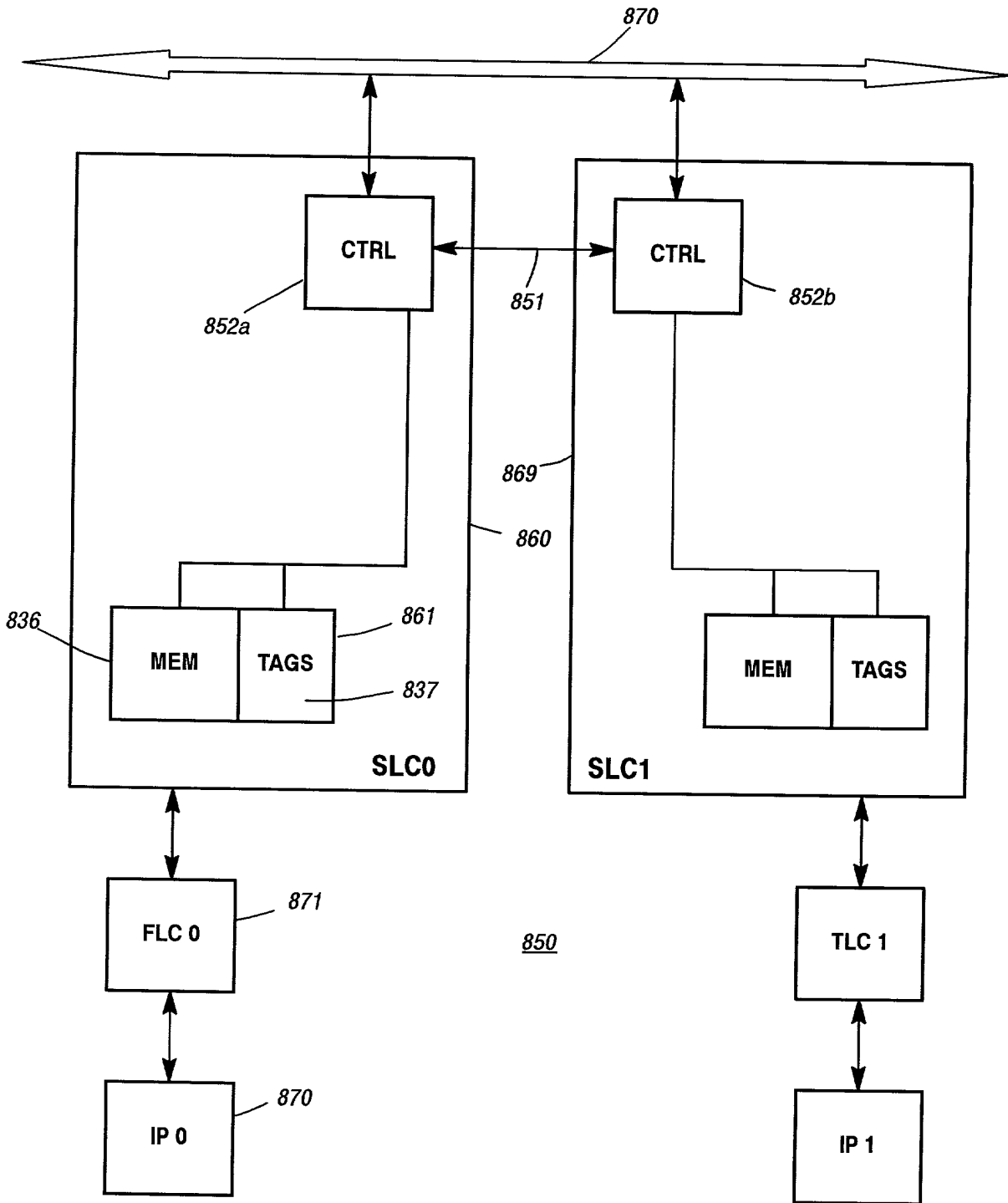




## Figure 7



**Figure 8A**



**Figure 8B**

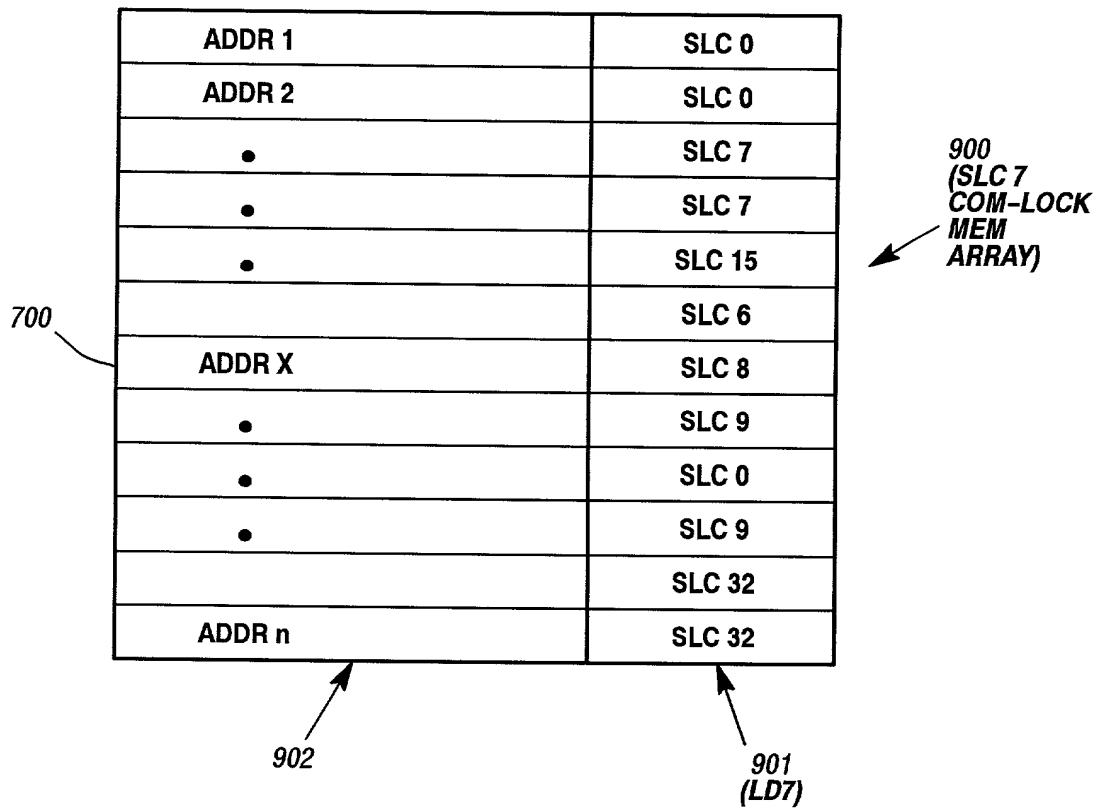
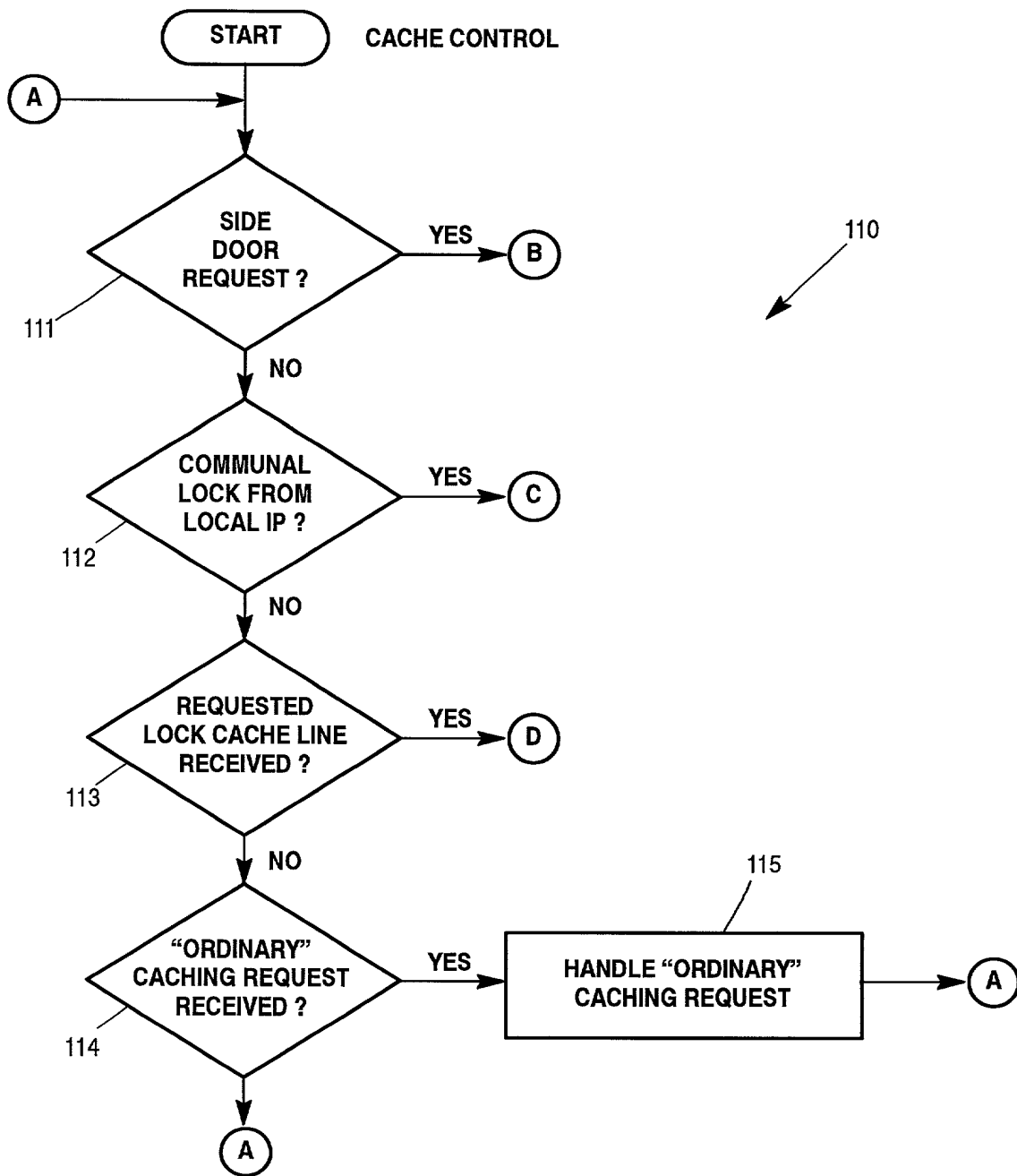
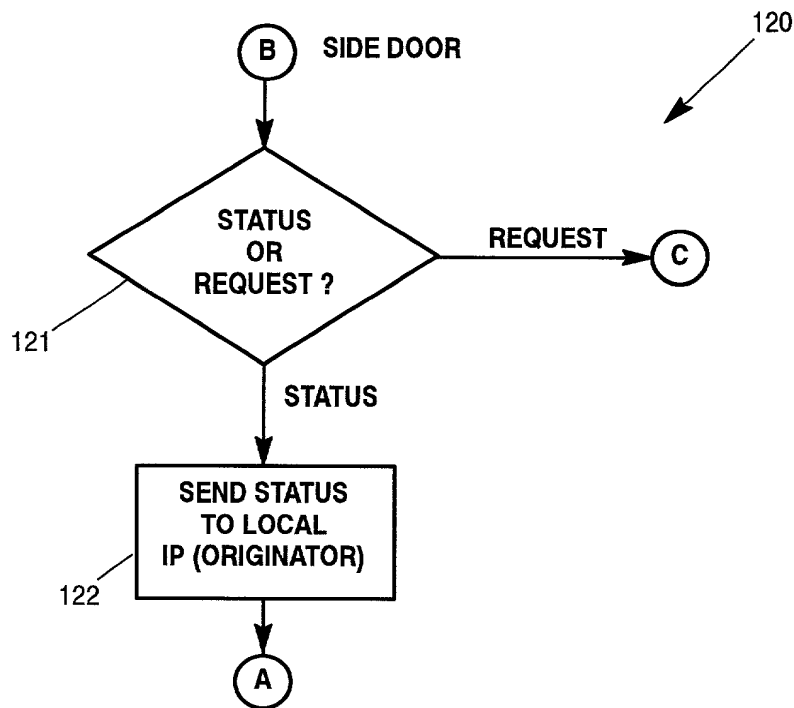


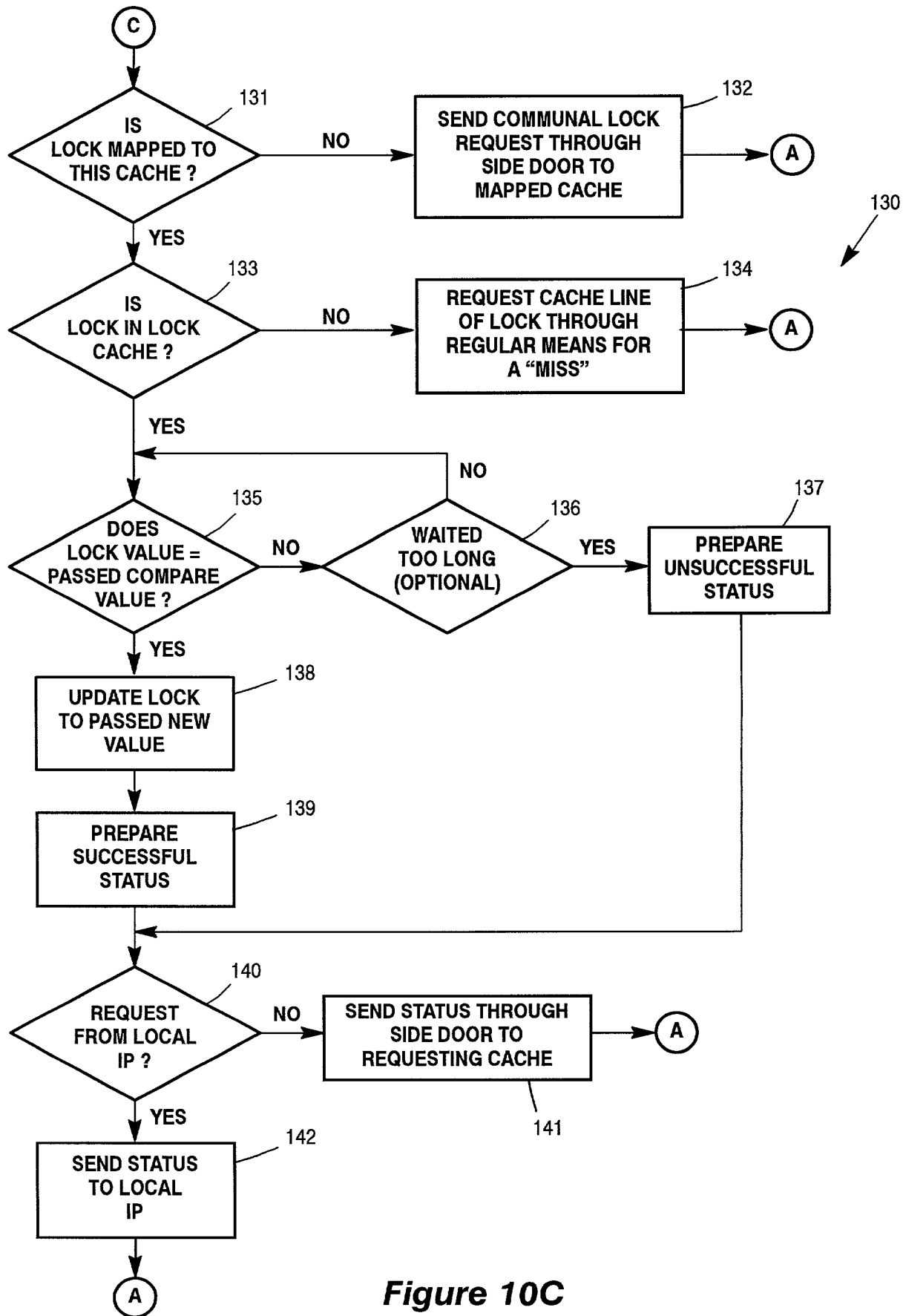
Figure 9



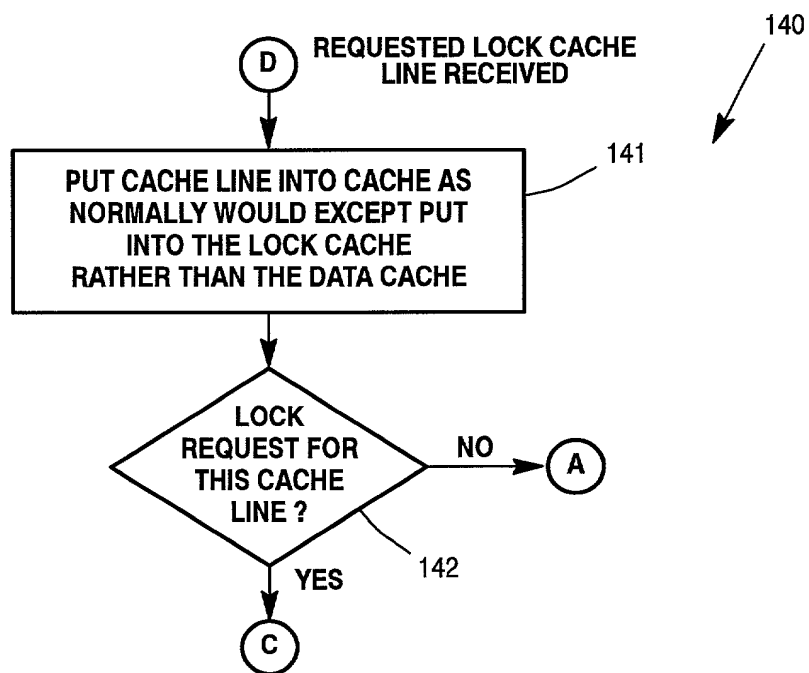
**Figure 10A**



**Figure 10B**



**Figure 10C**



**Figure 10D**



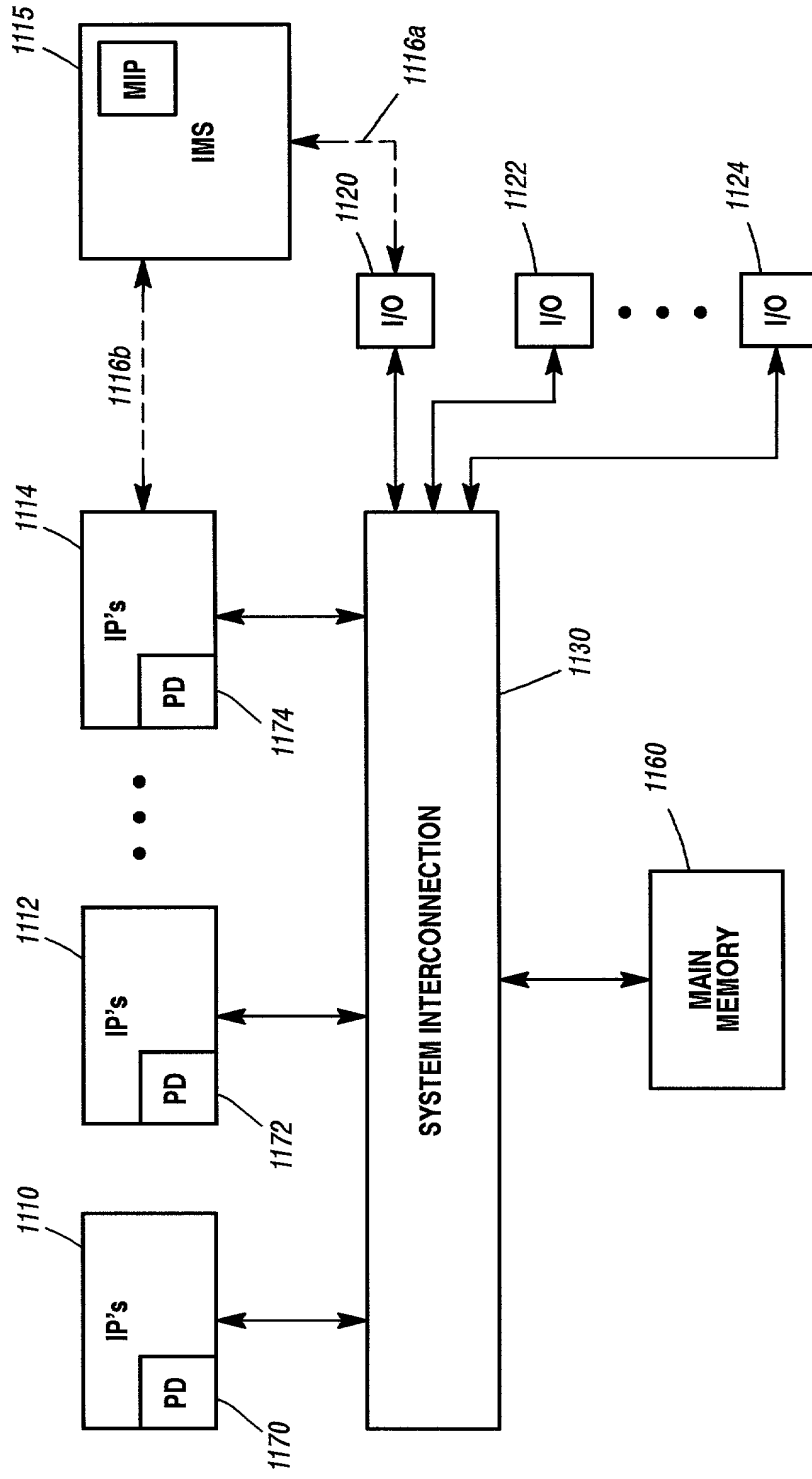
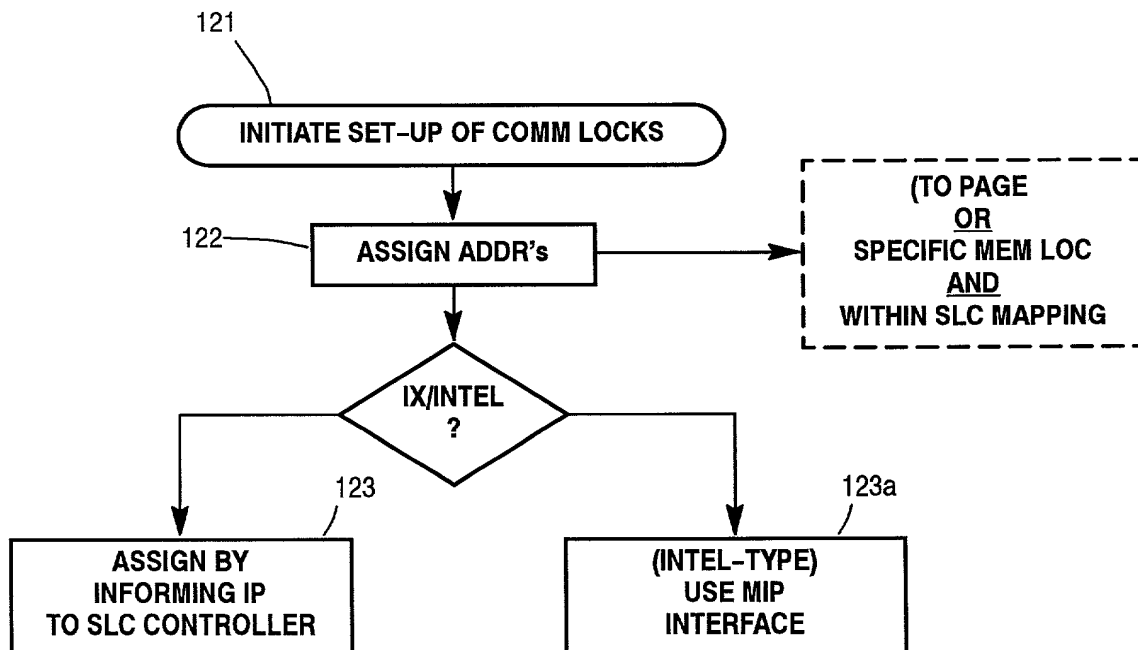
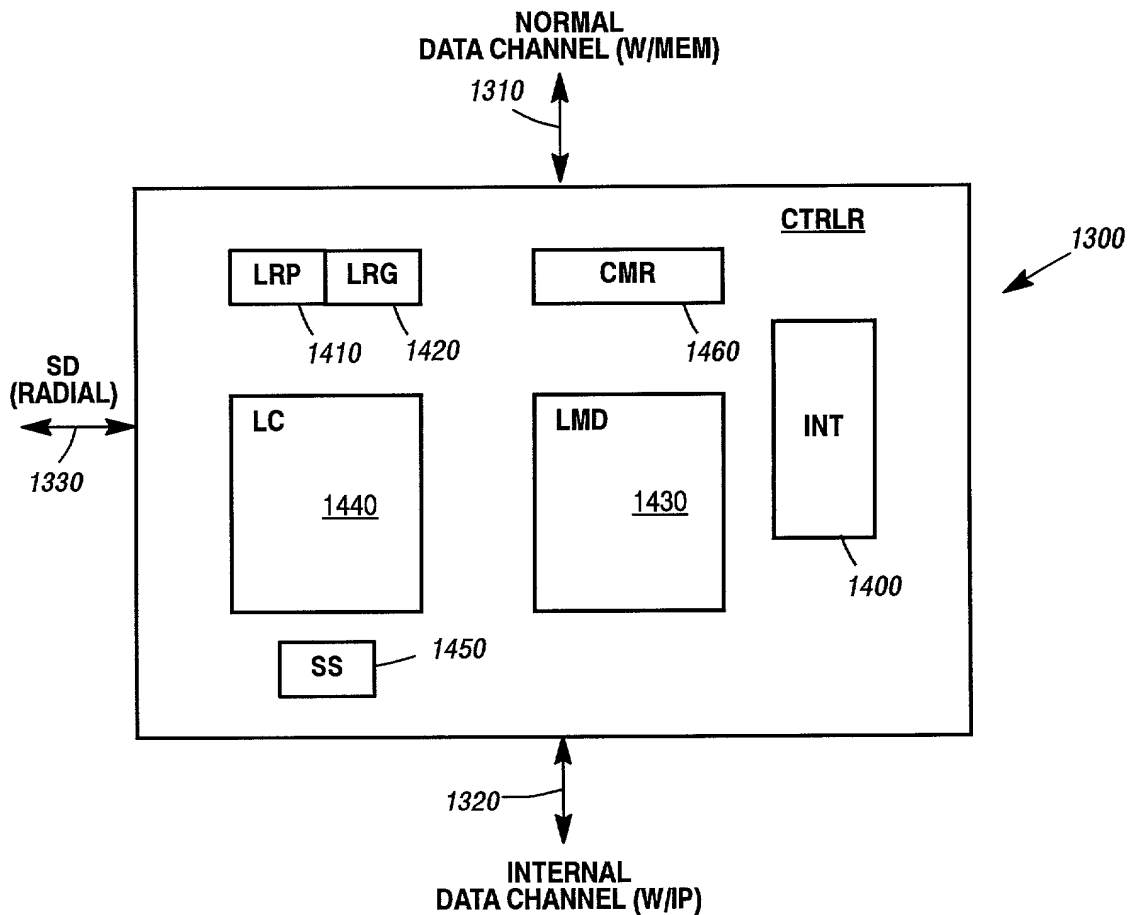


Figure 11



**Figure 12**



- LRG = LOCK REQ. GENERATOR - GENERATES / FORWARDS LOCK REQUEST IF LRP SAYS IT D/N HAVE IT.
- LRP = LOCK REQUEST (INSTRUCTION) PROCESSOR (HAS BIT CHANGER & CHECKS LMD & LC TO SEE IF (A) ITS HIS & (B) IF HE HAS IT)
- SD = SIDE DOOR (INCLUDES ID INFO PATH)
- CMR = COMPARITOR
- LMD = LOCK MAP DIRECTORY
- LC = LOCK CACHE
- INT = INTERPRETER (IS THIS A LOCK REQUEST? ELSE PASS THROUGH AS NORMAL DATA)
- SS = STATUS STRIPPER (SENDS BACK LOCK STATUS TO SIDE DOOR WHEN OPERATION COMPLETES IN RESP TO SIDE DOOR REQ)

**Figure 13**